

Converting Colors

Hex(0C3314)

Have a look what the booklet for
Hex(0C3314) contains.

Hex(0C3314)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0C3314)

Conversions

Conversions Part 1

Format	Color
Hex	0C3314
RGB	12, 51, 20
RGB Percent	5%, 20%, 8%
CMY	0.9529, 0.8000, 0.9216
CMYK	0.76, 0.00, 0.61, 0.80
HSL	132°, 62%, 12%
HSV	132°, 76%, 20%
XYZ	1.4617, 2.4963, 1.0666
YIQ	35.8050, -13.2930, -17.9090

Conversions

Conversions Part 2

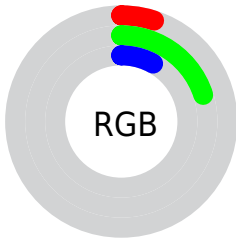
Format	Color
R_{YB}	12, 44, 51
Decimal	799508
CIE _{Lab}	17.90, -21.79, 15.66
CIE _{LCh}	18, 26.832, 144.298
Yxy	2.4963, 0.2909, 0.4968
Android (android.graphics.Color)	4278989588 (0xFF0C3314)
YUV	35.8050, -7.7919, -20.8770
Hunter-Lab	15.7998, -11.1357, 7.0572

Details

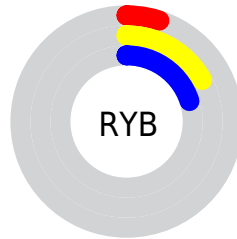
The Hex color **0C3314** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **330C2B**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **3B623F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **073310**, and if you desaturate by 10%, it is **113318**.

Distribution



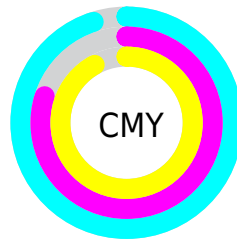
- Red (5%)
- Green (20%)
- Blue (8%)



- Red (5%)
- Yellow (17%)
- Blue (20%)



- Cyan (76%)
- Magenta (0%)
- Yellow (61%)
- Black (80%)



- Cyan (95%)
- Magenta (80%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C3314 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0C3314 by changing the saturation by 10% instead.

 0C3314

 0C3314

 F5FFF6

 001F00

 3B623F

 000000

 547B57

 6D956F

 86B089

 A1CBA3

 BCE7BE

 D8FFDA

 0C3314

 0C3314

■ 073310

■ 113318

■ 02330C

■ 16331C

■ 00330A

■ 1B3320

■ 203324

■ 253328

■ 2B332C

■ 303330

■ 353334

■ 3A3338

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



272F02



0C3314



003527

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0C3314



002F52



4E1B1D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0C3314



330C2B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4D1A30



0C3314



25284F

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0C3314



00334B



402043



47220B

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0C3314



003535



402043



4F1A23

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0C3314



334236



2B330C



18211A



A1A1A1



212121

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0C3314



054212



0C3327



171A17



005912



00D92C

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



330C2B



420536



330C18



1A1719



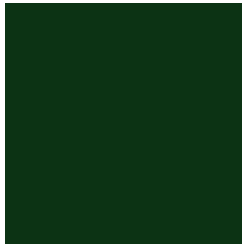
590047



D900AC

Previews

White Background



This preview shows how the Hex color 0C3314 looks on a white background.

Color Contrast Check

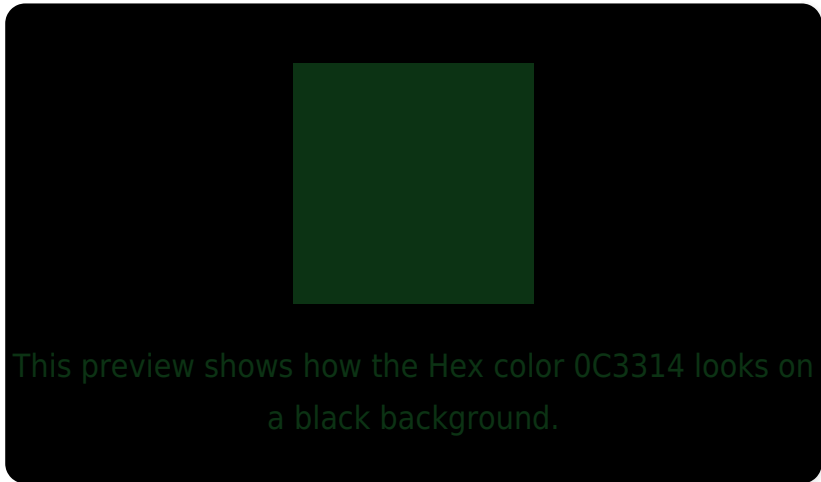
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

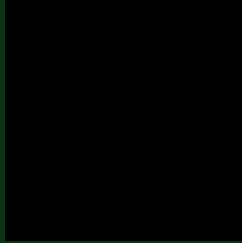
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0C3314 Background



This preview shows how black text looks on a background with the Hex color 0C3314.



This preview shows how white text looks on a background with the Hex color 0C3314.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

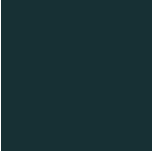
Dichromacy



Original Color
0C3314

Protanopia
312C12

Deuteranopia
362A17



Tritanopia
173034

Trichromacy



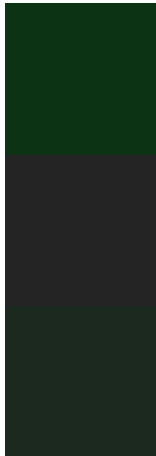
Original Color
0C3314

Protanomaly
242F13

Deuteranomaly
272D16

Tritanomaly
133128

Monochromacy



Original Color
0C3314

Achromatopsia
242424

Achromatomaly
1B291E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C3314 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0C3314 looks like.

```
.text, #text, p{  
    color:#0C3314  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0C3314 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3314
}
```

Border

The CSS property to change the border of an element to Hex 0C3314 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C3314 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0C3314 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0C3314 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3314; -webkit-box-shadow:4px 4px  
4px 4px #0C3314; box-shadow:4px 4px 4px  
4px #0C3314 }
```

Background

The CSS property to change the background color of an element to Hex 0C3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3314 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0C3314 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor